

Converting Colors

`RYB(162, 149, 145)`

Have a look what the booklet for
RYB(162, 149, 145) contains.

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Color

R_YB(162, 149, 145)

Conversions

Conversions Part 1

Format	Color
Hex	A29491
RGB	162, 148, 145
RGB Percent	64%, 58%, 57%
CMY	0.3647, 0.4187, 0.4314
CMYK	0.00, 0.08, 0.10, 0.36
HSL	11°, 8%, 60%
HSV	11°, 10%, 64%
XYZ	30.6384, 30.9803, 31.1530
YIQ	151.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

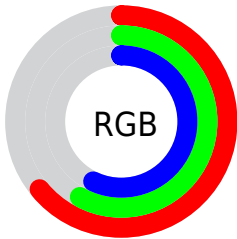
Format	Color
R_{YB}	162, 149, 145
Decimal	10654865
CIE Lab	62.49, 4.51, 3.54
CIE LCh	62, 5.732, 38.155
Yxy	30.9803, 0.3303, 0.3339
Android (android.graphics.Color)	4288844945 (0xFFA29491)
YUV	151.8440, -3.3741, 8.9068
Hunter-Lab	55.6599, 0.8517, 5.7772

Details

The RYB color **162, 149, 145** is a light color, and the websafe version is hex **999999**. A complement of this color would be **145, 153, 162**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **217, 203, 199**, and **110, 97, 95** is the 20% darker color. If you saturate the color by 10%, you get **162, 136, 129**, and if you desaturate by 10%, it is **162, 161, 161**.

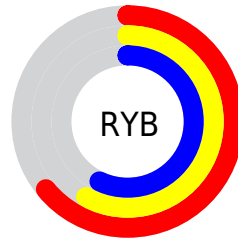
Distribution



Red (64%)

Green (58%)

Blue (57%)



Red (64%)

Yellow (58%)

Blue (57%)

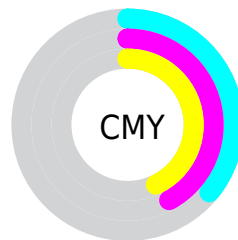


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 149, 145 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 162, 149, 145 by changing the saturation by 10% instead.

■ 162, 149, 145

255, 255, 255

■ 217, 203, 199

■ 245, 231, 227

■ 162, 149, 145

■ 136, 123, 119

■ 110, 99, 95

■ 86, 75, 71

■ 63, 51, 49

■ 40, 30, 28

■ 21, 6, 1

■ 0, 0, 0

■ 162, 149, 145

■ 162, 136, 129


■ 162, 149, 145

■ 162, 161, 161


 162, 124, 113

 162, 169, 177


 162, 112, 96

 162, 176, 194


 162, 100, 80

 162, 184, 210

 162, 88, 64

 162, 191, 226

 162, 75, 48

 162, 198, 242

 162, 61, 32

 162, 204, 255

 162, 50, 15

 162, 208, 255

 162, 38, 0

 162, 209, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162, 148, 150



162, 149, 145



159, 157, 142

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



162, 149, 145



143, 151, 154



148, 150, 161

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



162, 149, 145



145, 153, 162

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



142, 149, 160



162, 149, 145



139, 147, 154

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



162, 149, 145



143, 153, 148



139, 147, 157



154, 149, 159

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



162, 149, 145



149, 156, 141



139, 147, 157



146, 150, 161

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



162, 149, 145



212, 208, 205



162, 145, 159



107, 104, 103



235, 235, 235



107, 107, 107

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



162, 149, 145



212, 190, 184



152, 162, 145



82, 76, 73



145, 35, 0



18, 4, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



145, 153, 162



184, 196, 212



145, 149, 162



73, 77, 82



0, 65, 145



0, 8, 18

Previews

White Background



This preview shows how the RYB color 162, 149, 145 looks on a white background.

Color Contrast Check

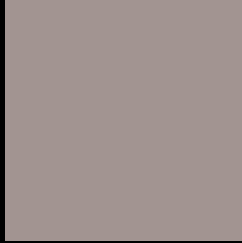
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 162, 149, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

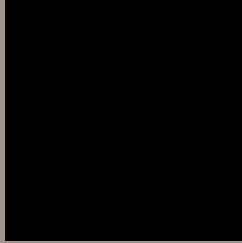
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 162, 149, 145 Background



This preview shows how black text looks on a background with the RYB color 162, 149, 145.



This preview shows how white text looks on a background with the RYB color 162, 149, 145.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

162, 149, 145

Protanopia

155, 153, 146

Deuteranopia

168, 146, 145



Tritanopia
164, 146, 158

Trichromacy



Original Color

162, 149, 145

Protanomaly

158, 150, 146

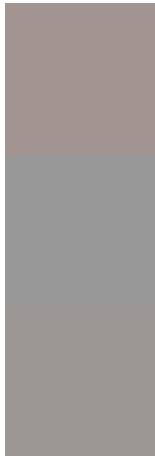
Deuteranomaly

166, 147, 145

Tritanomaly

163, 147, 153

Monochromacy



Original Color

162, 149, 145

Achromatopsia

152, 152, 152

Achromatomaly

156, 152, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 149, 145 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(162, 148, 145) looks like.

```
.text, #text, p{  
    color:rgb(162, 148, 145)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(162, 148, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 148, 145) }
```

Border

The CSS property to change the border of an element to RYB 162, 149, 145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 148, 145) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(162, 148, 145) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(162, 148, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 148, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 148, 145);  
box-shadow:4px 4px 4px 4px rgb(162, 148,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 162, 149, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 148, 145) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(162,  
148, 145) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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